

E60 pH/Ion Meter



GENERAL FEATURES

- Color High contrast LCD touchscreen, 4.3 inches.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data capacity of up to 500 sets for each parameter (GLP-compliant).
- Support for USB communication.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof. The portable meter is suitable for fields measurements and out door measurements.

pH

- 1-5 points calibration with Standard Recognition.
- Selectable pH buffer groups, including NIST, DIN, GB, USA.
- Automatic electrode diagnosis with pH slope and offset display.

Ion

- 1-5 points calibration.
- Selectable measurement unit, including $\mu\text{g/L}$, mg/L , g/L , mmol/L , pX , ppm , ppb , etc.
- Measurement modes are supported, including Direct Reading mode, Standard Addition mode, Sample Addition mode and GRAN mode.
- Over 10 methods are built-in, including F^- , Cl^- , Br^- , I^- , NO_3^- , BF_4^- , NH_4^+ , K^+ , Na^+ , Ca^{2+} , Cu^{2+} , Pb^{2+} , Ag^+ and etc., user-defined method is supported.

| Model | | E60 |
|-----------------|------------------------|--|
| Parameters | | pH/ISE/Temp.(mV/pX) |
| pH | Range | -2.00 to 20.00pH |
| | Resolution | 0.1, 0.01 pH |
| | Accuracy | ± 0.01 pH |
| | Calibration Points | Up to 5 |
| | Standard Customization | Yes |
| | Standard Recognition | NIST, GB, USA and DIN buffers |
| mV/ORP | Slope Limit | Yes |
| | Range | -2000.0 to 2000.0 mV |
| | Resolution | 0.1 mV |
| pX | Accuracy | ± 0.3 mV or $\pm 0.1\%$ |
| | Range | -2.00 to 20.00 pX |
| | Resolution | 0.1, 0.01 pX |
| | Accuracy | ± 0.02 pX |
| ISE | Calibration Points | Up to 5 |
| | Range | 1.000e-9 to 9.999e+9 |
| | Units | mol/L, mmol/L, g/L, mg/L, $\mu\text{g/L}$ |
| | Resolution | Up to 4 significant digits |
| | Accuracy | $\pm 0.5\%$ |
| Temperature | Calibration Points | Up to 5 |
| | Range | -5 to 110 °C, 23 to 230 °F |
| | Unit | °C, °F |
| | Resolution | 0.1 |
| Measurement | Relative Accuracy | ± 0.2 |
| | Reading Mode | Auto Read (Fast, Medium, Slow), Timed, Continuous |
| | Reading Prompts | Reading, Stable, Locked |
| Data management | Temp. Compensation | ATC, MTC |
| | Data Storage | 1000 Groups |
| Inputs | GLP Features | Yes |
| | pH Electrode | BNC(Q9) |
| Outputs | Temp. Probe | 4-pin aviation connector |
| | USB | PC, printer |
| Display options | Backlight | Yes |
| | Auto Shutdown | 300, 600, 1200, 1800, 3600sec., off |
| | IP Rating | IP65 |
| | Date and Time | Yes |
| General | Power | Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output |
| | Dimensions | 90 x 255 x 40 mm |
| | Weight | 500g (1.1 lb) |